

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re **Continuation** Application of)
 Mark J. STEFIK et al.) Group Art Unit: 3621
Based on U.S. Serial No.: 10/015,952 filed 12/17/2001) Examiner: Kambiz Abdi
Filing Date: **July 14, 2003**)
For: ***A USAGE RIGHTS GRAMMAR AND DIGITAL***)
 WORKS HAVING USAGE RIGHTS CREATED) Date: July 14, 2003
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited was previously submitted in the parent application.

The documents are being submitted within three (3) months of the filing of this application or entry into the national stage of this application, or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380 (111325-273).

Respectfully submitted,

By: 

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Registration No. 35,212

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | Not Yet Assigned |
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| | | | | First Named Inventor | Mark J. STEFIK et al |
| | | | | Art Unit | 3621 |
| | | | | Examiner Name | Kambiz Abdi |
| Sheet | 1 | of | 10 | Attorney Docket Number | 111325-273 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US-3,263,158 | 07/26/1966 | D.W. Barga et al. | |
| | | US-3,609,697 | 09/28/1971 | Blevins et al. | |
| | | US-3,790,700 | 02/05/1974 | Callais et al. | |
| | | US-3,798,605 | 03/19/1974 | Feistel | |
| | | US-4,159,468 | 06/26/1979 | Barnes et al. | |
| | | US-4,220,991 | 09/02/1980 | Hamano et al. | |
| | | US-4,278,837 | 07/14/1981 | Best | |
| | | US-4,323,921 | 04/06/1982 | Guillou | |
| | | US-4,442,486 | 04/10/1984 | Mayer | |
| | | US-4,529,870 | 07/16/1985 | Chaum | |
| | | US-4,558,176 | 12/10/1985 | Arnold et al. | |
| | | US-4,593,376 | 06/03/1986 | Volk | |
| | | US-4,614,861 | 09/30/1986 | Pavlov et al. | |
| | | US-4,644,493 | 02/17/1987 | Chandra et al. | |
| | | US-4,658,093 | 04/14/1987 | Hellman | |
| | | US-4,713,753 | 12/15/1987 | Beobert et al. | |
| | | US-4,796,220 | 01/03/1989 | Wolfe | |
| | | US-4,817,140 | 03/28/1989 | Chandra et al. | |
| | | US-4,827,508 | 05/02/1989 | Shear | |
| | | US-4,868,376 | 09/19/1989 | Lessin et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---------------------------|---------------------|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code ³ | Number ⁴ | | | |
| | | 0 084 441 | EP | 07/27/1983 | TABS LIMITED | |
| | | 0 180 460 | EP | 05/07/1986 | SONY CORPORATION | |
| | | 0 332 707 | EP | 09/20/1989 | HONDA GIKEN KOGYO KABUSHIKI KAISHA | |
| | | 0 651 554 | EP | 05/03/1995 | EASTMAN KODAK CO. | |
| | | 0 668 695 | EP | 08/23/1995 | VICTOR COMPANY OF JAPAN LIMITED | |
| | | 0 725 376 | EP | 08/07/1996 | SONY CORP. | |
| | | 2 136 175 | GB | 09/12/1984 | ATALLA CORP. | |
| | | 2 236 604 | GB | 04/10/1991 | SUN MICROSYSTEMS INC | |
| | | 0 715 241 | JP | 06/05/1996 | MITSUBISHI CORP. | |
| | | 04-369068 | JP | 12/21/1992 | CHIYUUBU NIHON DENKI SOFUTOUEA KK | Abst |

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|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US-4,891,838 | 01/02/1990 | Faber | |
| | | US-4,924,378 | 05/08/1990 | Hershey et al. | |
| | | US-4,932,054 | 06/05/1990 | Chou et al. | |
| | | US-4,937,863 | 06/26/1990 | Robert et al. | |
| | | US-4,949,187 | 08/14/1990 | Cohen | |
| | | US-4,953,209 | 08/28/1990 | Ryder, Sr. et al. | |
| | | US-4,961,142 | 10/02/1990 | Elliott et al. | |
| | | US-4,975,647 | 12/04/1990 | Downer et al. | |
| | | US-4,977,594 | 12/11/1990 | Shear | |
| | | US-4,999,806 | 03/12/1991 | Chernow et al. | |
| | | US-5,010,571 | 04/23/1991 | Katznelson | |
| | | US-5,014,234 | 05/07/1991 | Edwards, Jr. | |
| | | US-5,023,907 | 06/11/1991 | Johnson et al. | |
| | | US-5,047,928 | 09/10/1991 | Wiedemer | |
| | | US-5,050,213 | 09/17/1991 | Shear | |
| | | US-5,052,040 | 09/24/1991 | Preston et al. | |
| | | US-5,058,164 | 10/15/1991 | Elmer et al. | |
| | | US-5,103,476 | 04/07/1992 | Waite et al. | |
| | | US-5,113,519 | 05/12/1992 | Johnson et al. | |
| | | US-5,136,643 | 08/04/1992 | Fischer | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|-----------------------------------|--------------------------|---------------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials ² | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ | Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | 05-268415 | JP | 10/15/1993 | RICOH CO LTD | | Abst |
| | | 06-175794 | JP | 06/24/1994 | FUJI XEROX CO LTD | | Abst |
| | | 06-215010 | JP | 08/05/1994 | SONY CORP. | | Abst |
| | | 07-084852 | JP | 03/31/1995 | HITACHI LTD. | | Abst |
| | | 07-200317 | JP | 08/04/1995 | TOSHIBA CORP. | | Abst |
| | | 07-244639 | JP | 09/19/1995 | FUJITSU LTD | | Abst |
| | | 62-241061 | JP | 10/21/1987 | NEC CORP. | | Abst |
| | | 64-068835 | JP | 03/14/1989 | RYOICHI MORI | | Abst |
| | | WO 01/63528 | PCT | 08/30/2001 | IPDN COPR. | | |
| | | WO 92/20022 | PCT | 11/12/1992 | DIGITAL EQUIPMENT CORP. | | |

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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US-5,138,712 | 08/11/1992 | Corbin | |
| | | US-5,146,499 | 09/08/1992 | Geffroin | |
| | | US-5,148,481 | 09/15/1992 | Abraham et al. | |
| | | US-5,159,182 | 10/27/1992 | Eisele | |
| | | US-5,183,404 | 02/02/1993 | Aldous et al. | |
| | | US-5,191,193 | 03/02/1993 | Le Roux | |
| | | US-5,204,897 | 04/20/1993 | Wyman | |
| | | US-5,222,134 | 06/22/1993 | Waite et al. | |
| | | US-5,235,642 | 08/10/1993 | Wobber et al. | |
| | | US-5,247,575 | 09/21/1993 | Sprague et al. | |
| | | US-5,255,106 | 10/19/1993 | Castro | |
| | | US-5,260,999 | 11/09/1993 | Wyman | |
| | | US-5,263,157 | 11/16/1993 | Janis | |
| | | US-5,263,158 | 11/16/1993 | Janis | |
| | | US-5,276,444 | 01/04/1994 | McNair | |
| | | US-5,276,735 | 01/04/1994 | Boebert et al. | |
| | | US-5,291,596 | 03/01/1994 | Mita | |
| | | US-5,301,231 | 04/05/1994 | Abraham et al. | |
| | | US-5,311,591 | 05/10/1994 | Fischer | |
| | | US-5,319,705 | 06/07/1994 | Halter et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
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| | | Country Code ³ Number ⁴ Kind Code ² (if known) | | | | |
| | | WO 93/01550 PCT | 01/21/1993 | INFOLOGIC SOFTWARE, INC | | |
| | | WO 94/01821 PCT | 01/20/1994 | SECURE COMPUTING CORP. | | |
| | | WO 96/24092 PCT | 08/08/1996 | BENSON, Greg | | |
| | | WO 97/48203 PCT | 12/18/1997 | INTEL CORP. | | |
| | | WO 98/11690 PCT | 03/19/1998 | GLOVER, John J. | | |
| | | WO 98/42098 PCT | 09/24/1998 | CRYPTOWORKS, INC. | | |
| | | WO 99/49615 PCT | 09/30/1999 | MICROTOME | | |
| | | | | | | |
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|-----------------------|--------------------------|--|--------------------------------|--|--|
| | | Number - Kind Code ² (if known) | | | |
| | | US-5,337,357 | 08/09/1994 | Chou et al. | |
| | | US-5,339,091 | 08/16/1994 | Yamazaki et al. | |
| | | US-5,341,429 | 08/23/1994 | Stringer et al. | |
| | | US-5,347,579 | 09/13/1994 | Blandford | |
| | | US-5,381,526 | 01/10/1995 | Ellson | |
| | | US-5,394,469 | 02/28/1995 | Nagel et al. | |
| | | US-5,410,598 | 04/25/1995 | Shear | |
| | | US-5,412,717 | 05/02/1995 | Fischer | |
| | | US-5,428,606 | 06/27/1995 | Moskowitz | |
| | | US-5,432,849 | 07/11/1995 | Johnson et al. | |
| | | US-5,438,508 | 08/01/1995 | Wyman | |
| | | US-5,444,779 | 08/22/1995 | Daniele | |
| | | US-5,453,601 | 09/26/1995 | Rosen | |
| | | US-5,455,953 | 10/03/1995 | Russell | |
| | | US-5,457,746 | 10/10/1995 | Dolphin | |
| | | US-5,473,687 | 12/05/1995 | Lipscomb et al. | |
| | | US-5,473,692 | 12/05/1995 | Davis | |
| | | US-5,499,298 | 03/12/1996 | Narasimhalu et al. | |
| | | US-5,502,766 | 03/26/1996 | Boebert et al. | |
| | | US-5,504,814 | 04/02/1996 | Miyahara | |

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| | | Number - Kind Code ² (if known) | | | |
| | | US-5,737,416 | 04/07/1998 | Cooper et al. | |
| | | US-5,745,569 | 04/28/1998 | Moskowtiz et al. | |
| | | US-5,748,783 | 05/05/1998 | Rhoads | |
| | | US-5,757,907 | 05/26/1998 | Cooper et al. | |
| | | US-5,761,686 | 06/02/1998 | Bloomberg | |
| | | US-5,765,152 | 06/09/1998 | Erickson | |
| | | US-5,768,426 | 06/16/1998 | Rhoads | |
| | | US-5,825,892 | 10/20/1998 | Braudaway et al. | |
| | | US-5,892,900 | 04/06/1999 | Ginter et al. | |
| | | US-5,910,987 | 06/08/1999 | Ginter et al. | |
| | | US-5,915,019 | 06/22/1999 | Ginter et al. | |
| | | US-5,917,912 | 06/29/1999 | Ginter et al. | |
| | | US-5,920,861 | 07/06/1999 | Hall et al. | |
| | | US-5,940,504 | 08/17/1999 | Griswold | |
| | | US-5,943,422 | 08/24/1999 | Van Wie et al. | |
| | | US-5,949,876 | 09/07/1999 | Ginter et al. | |
| | | US-5,982,891 | 11/09/1999 | Ginter et al. | |
| | | US-5,999,949 | 12/07/1999 | Crandall | |
| | | US-6,047,067 | 04/04/2000 | Rosen | |
| | | US-6,112,181 | 08/29/2000 | Shear et al. | |

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| | | Number - Kind Code ² (if known) | | | |
| | | US-6,115,471 | 09/05/2000 | Oki et al. | |
| | | US-6,138,119 | 10/24/2000 | Hall et al. | |
| | | US-6,157,721 | 12/05/2000 | Shear et al. | |
| | | US-6,185,683 | 02/06/2001 | Ginter et al. | |
| | | US-6,226,618 | 05/01/2001 | Downs et al. | |
| | | US-6,233,684 | 05/15/2001 | Stefik et al. | |
| | | US-6,237,786 | 05/29/2001 | Ginter et al. | |
| | | US-6,240,185 | 05/29/2001 | Van Wie et al. | |
| | | US-6,253,193 | 06/26/2001 | Ginter et al. | |
| | | US-6,292,569 | 09/18/2001 | Shear et al. | |
| | | US-6,301,660 | 10/09/2001 | Benson | |
| | | US-6,327,652 | 12/04/2001 | England et al. | |
| | | US-6,330,670 | 12/11/2001 | England et al. | |
| | | US-6,345,256 | 02/05/2002 | Milsted et al. | |
| | | US-6,363,488 | 03/26/2002 | Ginter et al. | |
| | | US-6,389,402 | 05/14/2002 | Ginter et al. | |
| | | US-5,646,992 | 07/08/1997 | Subler et al | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
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| | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | July 14, 2003 |
| | | | | First Named Inventor | Mark J. STEFIK et al |
| | | | | Art Unit | 3621 |
| | | | | Examiner Name | Kambiz Abdi |
| Sheet | 8 | of | 10 | Attorney Docket Number | 111325-273 |

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| | | "National Semiconductor and EPR Partner for Information Metering/Data Security Cards" March 4, 1994, Press Release from Electronic Publishing Resources, Inc. | |
| | | Weber, R., "Digital Rights Management Technology" October 1995 | |
| | | Flasche, U. et al., "Decentralized Processing of Documents", pp. 119-131, 1986, Comput. & Graphics, Vol. 10, No. 2 | |
| | | Mori, R. et al., "Superdistribution: The Concept and the Architecture", pp. 1133-1146, 1990. The Transactions of the IEICE, Vo. E 73, No. 7, Tokyo, JP | |
| | | Weber, R., "Metering Technologies for Digital Intellectual Property", pp. 1-29, Oct. 1994, A Report to the International Federation of Reproduction Rights Organizations | |
| | | Clark, P.C. et al., "Bits: A Smartcard protected Operating System", pp. 66-70 and 94, November 1994, Communications of the ACM, Vol. 37, No. 11 | |
| | | Ross, P.E., "Data Guard", pp. 101, June 6, 1994, Forbes | |
| | | Saigh, W.K., "Knowledge is Sacred", 1992, Video Pocket/Page Reader Systems, Ltd. | |
| | | Kahn, R.E., "Deposit, Registration and Recordation in an Electronic Copyright Management System", pp. 1-19, August 1992, Corporation for National Research Initiatives, Virginia | |
| | | Hilts, P. et al., "Books While U Wait", pp. 48-50, January 3, 1994, Publishers Weekly | |
| | | Strattner, A., "Cash Register on a Chip may Revolutionize Software Pricing and Distribution; Wave Systems Corp.", pp. 1-3, April 1994, Computer Shopper, Vol. 14, No. 4, ISSN 0886-0556 | |

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| Examiner Signature | Date Considered |
|--------------------|-----------------|

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| | | | | Filing Date | July 14, 2003 |
| | | | | First Named Inventor | Mark J. STEFIK et al |
| | | | | Art Unit | 3621 |
| | | | | Examiner Name | Kambiz Abdi |
| Sheet | 9 | of | 10 | Attorney Docket Number | 111325-273 |

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| | | O'Conner, M., "New Distribution Option for Electronic Publishers; iOpener Data Encryption and Metering System for CD-ROM use; Column", pp. 1-6, March 1994, CD-ROM Professional, Vol. 7, No. 2, ISSN: 1409-0833 | |
| | | Willett, S., "Metered PCs: Is Your System Watching You? Wave System beta tests new technology", pp. 84, May 2, 1994, InfoWorld | |
| | | Linn, R., "Copyright and Information Services in the Context of the National Research and Education Network", pp. 9-20, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Perrit, Jr., H., "Permission Headers and Contract Law", pp. 27-48, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Upthegrove, L., "Intellectual Property Header Descriptors: A Dynamic Approach", pp. 63-66, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Sirbu, M., "Internet Billing Service Design and prototype Implementation", pp. 67-80, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Simmell, S. et al., "Metering and Licensing of Resources: Kala's General Purpose Approach", pp. 81-110, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Kahn, R., "Deposit, Registration and Recordation in an Electronic Copyright Management System", pp. 111-120, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Tygar, J. et al., "Dyad: A System for Using Physically Secure Coprocessors", pp. 121-152, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Griswold, G., "A Method for Protecting Copyright on Networks", pp. 169-178, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

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|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | Nelson, T., "A Publishing and Royalty Model for Networked Documents", pp. 257-259, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1 | |
| | | Robinson, E., "Redefining Mobile Computing", pp. 238-240, 247-248 and 252, July 1993, PC Computing | |
| | | Abadi, M. et al., "Authentication and Delegation with Smart-cards", PP. 1-24, 1990, Research Report DEC Systems Research Center | |
| | | Mark Stefik, "Letting Loose the Light: Igniting Commerce in Electronic Publication", pp. 219-253, 1996, Internet Dreams: Archetypes, Myths, and Metaphors, IDSN 0-262-19373-6 | |
| | | Mark Stefik, "Letting Loose the Light: Igniting Commerce in Electronic Publication", pp. 2-35, February 8, 1995, Internet Dreams: Archetypes, Myths and Metaphors | |
| | | Henry H. Perritt, Jr., "Technological Strategies for Protecting Intellectual Property in the Networked Multimedia Environment", April 2-3, 1993, Knowbots, Permissions Headers & Contract Law | |
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